

WEST Search History

DATE: Monday, February 16, 2004

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L2	L1 and streptomyces	31
<input type="checkbox"/>	L1	nogalamycin or nogalater	125

END OF SEARCH HISTORY

STN Search Summary

09/830160

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FILE 'CAPLUS' ENTERED AT 16:03:58 ON 16 FEB 2004

L1 316 S NOGALAMYCIN
 L2 26 S L1 AND STREPTOMYCES
 L3 18 S L2 AND PD<2000

L3 ANSWER 1 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:736723 CAPLUS

TI Hybrid anthracyclines for cancer therapy from genetically engineered
Streptomyces galilaeus

IN Ylihonko, Kristiina; Hakala, Juha; Kunnari, Tero

SO PCT Int. Appl., 43 pp.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9958544	A1	19991118	WO 1999-FI385	19990510 <--
	FI 9801062	A	19991114	FI 1998-1062	19980513 <--
	EP 1000078	A1	20000517	EP 1999-923618	19990510
	EP 1000078	B1	20030730		
	JP 2002514399	T2	20020521	JP 2000-548348	19990510
	AT 246198	E	20030815	AT 1999-923618	19990510
	US 6399583	B1	20020604	US 2000-462671	20000111
PRAI	FI 1998-1062	A	19980513		
	WO 1999-FI385	W	19990510		

L3 ANSWER 2 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1999:465368 CAPLUS

TI Hybrid compounds derived from the combination of anthracycline and
actinorhodin biosynthetic pathwaysAU Kunnari, Tero; Kantola, Jaana; Ylihonko, Kristiina; Klika, Karel D.;
Mantsala, Pekka; Hakala, JuhaSO Journal of the Chemical Society, Perkin Transactions 2: Physical Organic
Chemistry (1999), (8), 1649-1652

L3 ANSWER 3 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:745546 CAPLUS

TI Folding of the polyketide chain is not dictated by minimal polyketide
synthase in the biosynthesis of mithramycin and anthracyclineAU Kantola, Jaana; Blanco, Gloria; Hautala, Anne; Kunnari, Tero; Hakala,
Juha; Mendez, Carmen; Ylihonko, Kristiina; Mantsala, Pekka; Salas, Jose

SO Chemistry & Biology (1997), 4(10), 751-755

L3 ANSWER 4 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1997:701378 CAPLUS

TI Characterization of Streptomyces nogalater genes encoding
enzymes involved in glycosylation steps in nogalamycin
biosynthesis

AU Torkkell, S.; Ylihonko, K.; Hakala, J.; Skurnik, M.; Mantsala, P.

SO Molecular & General Genetics (1997), 256(2), 203-209

L3 ANSWER 5 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:418116 CAPLUS
TI Isolation and characterization of 8-demethoxysteffimycins and generation
of 2,8-demethoxysteffimycins in *Streptomyces steffisburgensis* by
the nogalamycin biosynthesis genes
AU Kunnari, Tero; Tuukkanen, Jaana; Hautala, Anne; Hakala, Juha; Ylihonko,
Kristiina; Mantsala, Pekka
SO Journal of Antibiotics (1997), 50(6), 496-501

L3 ANSWER 6 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:525553 CAPLUS
TI Production of hybrid anthracycline antibiotics by heterologous expression
of *Streptomyces nogalater* nogalamycin biosynthesis
genes
AU Ylihonko, Kristiina; Hakala, Juha; Kunnari, Tero; Mantsala, Pekka
SO Microbiology (Reading, United Kingdom) (1996), 142(8), 1965-1972

L3 ANSWER 7 OF 18 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1996:368294 CAPLUS
TI A gene cluster involved in nogalamycin biosynthesis from
Streptomyces nogalater: sequence analysis and complementation of
early-block mutations in the anthracycline pathway
AU Ylihonko, Kristiina; Tuukkanen, Jaana; Jussila, Sanna; Cong, Lina;
Mantsala, P.
SO Molecular & General Genetics (1996), 251(2), 113-120